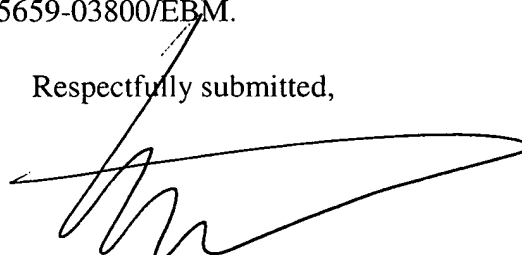


- (6) Marked Up Version of Amendments (42 pages);
- (7) Clean Version of Title Page (1 page);
- (8) Marked Up Version of Title Page (1 page);
- (9) Fee Authorization in the amount of \$1,960.00 to cover the filing fee for a small entity as follows (2 pages):
 - \$ 710.00 -- basic filing fee;
 - \$ 1,080.00 -- surcharge for excess claims;
 - \$ 130.00 -- surcharge for late filing of declaration and fee;
 - \$ 40.00 -- assignment recordation fee; and
- (10) A return postcard.

If any extension of time is required, Applicant hereby respectfully requests the appropriate extension of time. If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Conley, Rose & Tayon P.C. Deposit Account Number 50-1505/5659-03800/EBM.

Respectfully submitted,



Eric B. Meyertons
Reg. No. 34,876

Attorney for Applicant

CONLEY, ROSE & TAYON, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398
(512) 476-1400 (voice)
(512) 703-1250 (facsimile)

Date: 9/13/01



#3

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/841,287
Filed: April 24, 2001
Inventor(s):
Maher, et al

§ Examiner: Unknown
§ Group/Art Unit: 3672
§ Atty. Dkt. No: 5659-03800
§
§
§
§
§
§
§
§
§
§

Title: IN SITU THERMAL
PROCESSING OF A
HYDROCARBON
CONTAINING
FORMATION HAVING A
SELECTED TOTAL
ORGANIC CARBON
CONTENT

<p>CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8</p> <p>DATE OF DEPOSIT:</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to:</p> <p>Commissioner for Patents Washington, DC 20231</p> <p><i>Jo Ann Scott</i> Jo Ann Scott</p>
--

FEE AUTHORIZATION

Commissioner for Patents
Washington, D.C. 20231

The Commissioner is hereby authorized to charge the following fees to Shell Oil Co.
Deposit Account Number 19-1800:

- \$ 710.00 – Basic Filing Fees;
- \$1,080.00 - Excess Claims Fees;
- \$ 130.00 – Surcharge for late filing of declaration and fee; and
- \$ 40.00 – Assignment Recordation Fee

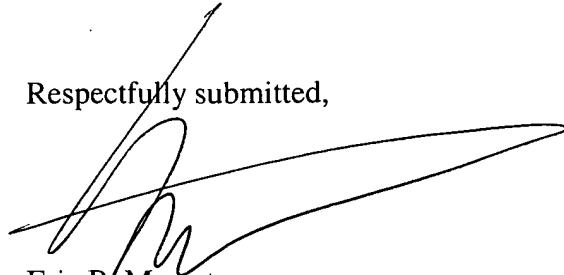
Total Amount: \$1,960.00

Attorney Docket No.: 5659-03800

Maher, et al.
09/841,287

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number. If the above mentioned account is found to have insufficient funds, the Commissioner is authorized to charge Conley Rose & Tayon P.C. Deposit Account Number 50-1505/5659-03800/EBM.

Respectfully submitted,



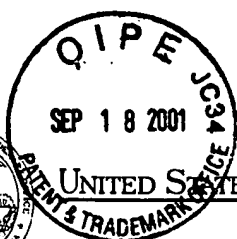
Eric B. Meyertons
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Date: 9/13/01

#3



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/841,287	04/24/2001	Harold J. Vinegar	5659-03800 TH1963

CONFIRMATION NO. 5477

FORMALITIES LETTER



OC00000006295405

DEL CHRISTENSEN
SHELL OIL COMPANY
P.O. BOX 2463
HOUSTON, TX 77252-2463

Date Mailed: 07/13/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$77790.

	09/19/2001	SZEWIDIE1	00000071	191800	09841287
■ \$64350 for 3575 total claims over 20.	01 FC:101		710.00	CH	
	02 FC:103		1080.00	CH	
■ \$13440 for 168 independent claims over 3 .	03 FC:105		130.00	CH	
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 78630.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



**PATENT
5659-03800
TH1963**

<p align="center">CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10</p> <p>"Express Mail" mailing label number: <u>EL822013864US</u> DATE OF DEPOSIT: <u>April 24, 2001</u></p> <p>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:</p> <p align="center">Commissioner for Patents Box Patent Application Washington, DC 20231</p> <p align="center">_____ Brit Baker</p>

**IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION
HAVING A SELECTED TOTAL ORGANIC CARBON CONTENT**

By:

Kevin A. Maher
Harold J. Vinegar
Scott L. Wellington
Eric de Rouffignac
Ilya E. Berchenko
George L. Stegemeier
Etuan Zhang
Gordon T. Shahin
Thomas D. Fowler
Robert C. Ryan



PATENT
5659-03800
TH1963

CERTIFICATE OF EXPRESS MAIL
UNDER 37 C.F.R. §1.10

"Express Mail" mailing label number: EL822013864US
DATE OF DEPOSIT: April 24, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:

Commissioner for Patents
Box Patent Application
Washington, DC 20231

Brit Baker

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION
HAVING A SELECTED TOTAL ORGANIC CARBON CONTENT

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~~James L. Menotti~~

~~John M. Coles~~

Thomas D. Fowler

~~Charlie R. Keedy~~

~~Ajay M. Madgavkar~~

~~Martijn van Hardeveld~~

Robert C. Ryan

Lanny Schoeling

~~Fred G. Carl~~